

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Atty. Docket Number:

1001-021C2

Serial Number:

10/603,674

LIST OF PRIOR ART CITED BY APPLICANT
IN THIS APPLICATION
JAN 16 2004
(use additional sheets if necessary)

Applicant(s): Barz et al.

Filing Date:

June 25, 2003

Group:

3612

U.S. PATENT DOCUMENTS

*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HG	3,054,636	09/18/1962	Wessells III		1	
	3,123,170	03/03/1964	Bryant			
	3,493,257	02/03/1970	Fitzgerald et al.			
	3,665,968	05/30/1972	DePutter			
	3,746,387	07/17/1973	Schwenk			
	3,757,559	09/11/1973	Welsh			
	3,890,108	06/17/1975	Welsh			
	4,019,301	04/26/1977	Fox			
	4,082,825	04/04/1978	Puterbaugh			
	4,090,734	05/23/1978	Inami et al.			
	4,238,540	12/09/1980	Yates et al.			
	4,378,395	03/29/1983	Asoshina et al.			
	4,397,490	08/09/1983	Evans et al.			
	4,440,434	04/03/1984	Celli			

FOREIGN PATENT DOCUMENTS

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	628,863	03/28/1947	U.K.			<input type="checkbox"/>	<input type="checkbox"/>
	DE2919046	05/11/1979	Germany			<input type="checkbox"/>	<input type="checkbox"/>
	8028960	09/08/1980	U.K.			<input type="checkbox"/>	<input type="checkbox"/>
	82102135.9	03/16/1982	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	8725028	10/26/1987	U.K.			<input type="checkbox"/>	<input type="checkbox"/>
	PCT/JP88/00029	01/14/1988	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	64-69309	03/15/1989	Japan			<input type="checkbox"/>	<input type="checkbox"/>
	64-69308	03/15/1989	Japan			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Co-pending Application Serial No. 09/631,211, filed August 3, 2000

EXAMINER	DATE CONSIDERED:
HG	6/16/01

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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

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U.S. PATENT DOCUMENTS

EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
He	4,457,555	07/03/1984	Draper			
	4,559,274	12/17/1985	Kloppe et al.			
	4,610,836	09/09/1986	Wycech			
	4,613,177	09/23/1986	Loren et al.			
	4,705,716	11/10/1987	Tang			
	4,732,806	03/22/1988	Wycech			
	4,751,249	06/14/1988	Wycech			
	4,762,352	08/09/1988	Enomoto			
	4,803,108	02/07/1989	Leuchten et al.			
	4,836,516	06/06/1989	Wycech			
	4,853,270	08/01/1989	Wycech			
	4,861,097	08/29/1989	Wycech			
	4,898,630	02/06/1990	Kitoh et al.			
	4,901,500	02/20/1990	Wycech			

FOREIGN PATENT DOCUMENTS

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	90202150.0	08/08/1990	Europe			<input type="checkbox"/> <input type="checkbox"/>
	2-206537	08/16/1990	Japan			<input type="checkbox"/> <input type="checkbox"/>
	G9011147.8	09/24/1990	Germany			<input type="checkbox"/> <input type="checkbox"/>
	91104546.6	03/22/1991	Europe			<input type="checkbox"/> <input type="checkbox"/>
	PCT/AU92/00468	09/03/1992	PCT			<input type="checkbox"/> <input type="checkbox"/>
	5-38992	02/19/1993	Japan			<input type="checkbox"/> <input type="checkbox"/>
	94101343.5	01/29/1994	Europe			<input type="checkbox"/> <input type="checkbox"/>
	G9320333.0	06/21/1994	Germany			<input type="checkbox"/> <input type="checkbox"/>
	95913082.4	03/10/1995	Europe			<input type="checkbox"/> <input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Barz et al.

DATE CONSIDERED:

6/16/03

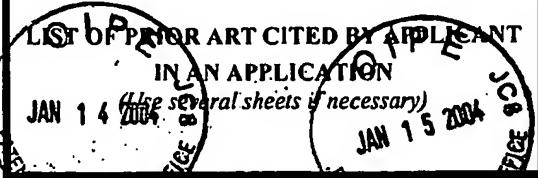
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U.S. PATENT DOCUMENTS

*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Hb	4,908,930	03/20/1990	Wycech			
	4,917,435	04/17/1990	Bonnett et al.			
	4,922,596	05/08/1990	Wycech			
	4,923,902	05/08/1990	Wycech			
	4,978,562	12/18/1990	Wycech			
	4,989,913	02/05/1991	Moore, III			
	4,995,545	02/26/1991	Wycech			
	5,102,188	04/07/1992	Yamane			
	5,122,398	06/16/1992	Seiler et al.			
	5,124,186	06/23/1992	Wycech			
	5,213,391	05/25/1993	Takagi			
	5,255,487	10/26/1993	Wieting et al.			
	5,266,133	11/30/1993	Hanley et al.			
	5,344,208	09/06/1994	Bien et al.			

FOREIGN PATENT DOCUMENTS

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	PCT/EP95/00896	03/10/1995	PCT			<input type="checkbox"/> <input type="checkbox"/>
	PCT/US95/05749	05/08/1995	PCT			<input type="checkbox"/> <input type="checkbox"/>
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	PCT/US98/17994	09/03/1998	PCT			<input type="checkbox"/> <input type="checkbox"/>
	PCT/US99/00035	01/06/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

EXAMINER	DATE CONSIDERED:
144	6/16/04

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PATENT AND TRADEMARK OFFICE

JAN 15 2004

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U.S. PATENT DOCUMENTS

*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MS	5,373,027	12/13/1994	Hanley et al.			
	5,395,135	03/07/1995	Lim et al.			
	5,506,025	04/09/1996	Otto et al.			
	5,560,672	10/01/1996	Lim et al.			
	5,575,526	11/19/1996	Wycech			
	5,580,120	12/03/1996	Nees et al.			
	5,642,914	07/01/1997	Takabatake			
	5,648,401	07/15/1997	Czaplicki et al.			
	5,649,400	07/22/1997	Miwa			
	5,652,039	07/29/1997	Tremain et al.			
	5,707,098	01/13/1998	Uchida et al.			
	5,725,272	03/10/1998	Jones			
	5,731,069	03/24/1998	Delle Donne et al.			
	5,755,486	05/26/1998	Wycech			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	PCT/US99/00770	01/14/1999	PCT			<input type="checkbox"/> <input checked="" type="checkbox"/>
	EP 0 891 918 A1	01/20/1999	Europe			<input type="checkbox"/> <input checked="" type="checkbox"/>
	EP 0 893 331 A1	01/27/1999	Europe			<input type="checkbox"/> <input checked="" type="checkbox"/>
	EP 0 893 332 A1	01/27/1999	Europe			<input type="checkbox"/> <input checked="" type="checkbox"/>
	PCT/US99/01855	02/03/1999	PCT			<input type="checkbox"/> <input checked="" type="checkbox"/>
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED:
<i>MS</i>	<i>6/16/07</i>

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U.S. DEPARTMENT OF COMMERCE
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U.S. PATENT DOCUMENTS

*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Hg	5,766,719	06/16/1998	Rimkus			
	5,785,376	07/28/1998	Nees et al.			
	5,786,394	07/28/1998	Slaven			
	5,803,533	09/08/1998	Schulz et al.			
	5,804,608	09/08/1998	Nakazato et al.			
	5,806,915	09/15/1998	Takabatake			
	5,806,919	09/15/1998	Davies			
	5,855,094	01/05/1999	Baudisch et al.			
	5,866,052	02/02/1999	Muramatsu			
	5,884,960	03/23/1999	Wycech			
	5,885,688	03/23/1999	McLaughlin			
	5,888,600	03/30/1999	Wycech			
	5,888,642	03/30/1999	Meteer et al.			
V	5,901,528	05/11/1999	Richardson			

FOREIGN PATENT DOCUMENTS

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	PCT/US99/10441	05/18/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>
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	PCT/CA99/00424	05/21/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>
	PCT/EP99/03832	06/02/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>
	PCT/EP99/06112	08/20/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>
	PCT/US99/18820	08/26/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED:
Hg	8/16/03

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			Atty. Docket Number: 1001-021C2	Serial Number: 10/603,674		
LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION (Use separate sheets if necessary)			Applicant(s): Barz et al.			
			Filing Date: June 25, 2003	Group: 3612		
U.S. PATENT DOCUMENTS						
DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
5,904,024	05/18/1999	Miwa				
5,932,680	08/03/1999	Heider				
5,934,737	08/10/1999	Abouzahr				
5,941,597	08/24/1999	Horiuchi et al.				
5,984,389	11/16/1999	Nuber				
5,985,435	11/16/1999	Czaplicki et al.				
5,988,734	11/23/1999	Longo et al.				
5,992,923	11/30/1999	Wycech				
5,994,422	11/30/1999	Born et al.				
6,003,274	12/21/1999	Wycech				
6,004,425	12/21/1999	Born et al.				
6,022,066	02/08/2000	Tremblay et al.				
6,033,300	03/07/2000	Schneider				
6,050,630	04/18/2000	Hochet				
6,058,673	05/09/2000	Wycech				
FOREIGN PATENT DOCUMENTS						
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PCT/US99/29986	12/17/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>
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EXAMINER <i>HA</i>	DATE CONSIDERED: <i>07/16/03</i>					

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Atty. Docket Number: 1001-021C2	Serial Number: 10/603,674			
LIST OF PRIOR ART CITED BY APPLICANT ON AN APPLICATION (Use several sheets if necessary) JAN 14 2004		Applicant(s): Barz et al.				
		Filing Date: June 25, 2003	Group: 3612			
U.S. PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,059,342	05/09/2000	Kawai et al.			
	6,068,424	05/30/2000	Wycech			
	6,077,884	06/20/2000	Hess et al.			
	6,079,180	06/27/2000	Wycech			
	6,082,811	07/04/2000	Yoshida			
	6,090,232	07/18/2000	Seeliger et al.			
	6,092,864	07/25/2000	Wycech et al.			
	6,094,798	08/01/2000	Seeliger et al.			
	6,096,403	08/01/2000	Wycech et al.			
	6,096,791	08/01/2000	Born et al.			
	6,099,948	08/08/2000	Paver, Jr.			
	6,102,379	08/15/2000	Ponslet et al.			
	6,102,473	08/15/2000	Steininger et al.			
	6,103,341	08/15/2000	Barz et al.			
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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Atty. Docket Number: 1001-021C2	Serial Number: 10/603,674			
LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION (Use several sheets if necessary)		Applicant(s): Barz et al.				
JAN 14 2004 JC8		Filing Date: June 25, 2003	Group: 3612			
U.S. PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JAN 15 2004 JC8	6,103,784	08/15/2000	Hilborn et al.			
	6,110,982	08/29/2000	Russick et al.			
	6,129,410	10/10/2000	Kosaraju et al.			
	6,131,897	10/17/2000	Barz et al.			
	6,135,542	10/24/2000	Emmelmann et al.			
	6,149,227	11/21/2000	Wycech			
	6,150,428	11/21/2000	Hanley, IV et al.			
	6,152,260	11/28/2000	Eipper et al.			
	6,153,709	11/28/2000	Xiao et al.			
	6,165,588	12/26/2000	Wycech			
	6,168,226	01/02/2001	Wycech			
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Compleat if Known

Application Number	10/603,674
Filing Date	06/25/2003
First Named Inventor	William Barz
Group Art Unit	3612
Examiner Name	Unknown
Attorney Docket Number	1001-021C2

JAN 14 2004
PATENT & TRADEMARK OFFICE
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Sheet 1 of 3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)		
H6	1,814,677	A. Fennema		05/03/1930	
	3,649,375	P.S. Venkatesan		01/26/1970	
	4,029,128	Yamagishi		06/14/1977	
	4,083,384	Horne et al.		04/11/1978	
	4,463,870	Coburn, Jr. et al.		08/07/1984	
	4,695,343	Wycech		09/22/1987	
	4,769,391	Wycech		09/06/1988	
	4,813,690	Coburn, Jr.		03/21/1989	
	4,901,395	Semrau		02/20/1990	
	4,946,737	Lindeman et al.		08/07/1990	
	4,984,406	Friesen		01/15/1991	
	5,040,803	Cieslik et al.		08/20/1991	
	5,072,952	Irgeher et al.		12/17/1991	
	5,358,397	Ligon et al.		10/25/1994	
	5,382,397	Turner, Jr.		01/17/1995	
	5,577,784	Nelson		11/26/1996	
	5,851,626	McCorry et al.		12/22/1998	
	5,871,849	Lepine		02/16/1999	
✓	5,878,784	Sales et al.		03/09/1999	
	15,901,752	Lundman		10/11/1999	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ⁵ (if known)	
			2,539,693		01/25/1983
			GB 2,156,412 A		10/09/1985
			WO 87/01978		04/09/1987
			DE 3627725 A1		02/25/1988
			EP 0 679 501 A1		11/02/1995
			DE 196 35 734 A1		04/03/1997
			WO 01/57130		08/09/2001
			WO 01/54936		08/02/2001
			WO 01/56845		08/09/2001
			WO 01/71225		09/27/2001

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6/16/07

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2

of 3

Complete If Known

Application Number	10/603,674
Filing Date	06/25/2003
First Named Inventor	William Barz
Group Art Unit	3612
Examiner Name	Unknown
Attorney Docket Number	1001-021C2

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ³ (if known)			
HG	5,902,656	Hwang		05/11/1999		
	6,006,484	Geissbuhler		12/28/1999		
	6,053,210	Chapman et al.		04/25/2000		
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		Office ²	Number ⁴				
		EP	0 775 721 A1	Mitsubishi Jidosha	05/28/1997		
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		WO	01/83206	Sika Corporation	11/08/2001		
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		WO	99/48746	Moller Plast GmbH	09/30/1999		
		2001191947		Hond Motor Co Ltd	07/17/2001		

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Date Considered *6/16/07*

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet 3 of 3

Complete if Known

Application Number	10/603,674
Filing Date	06/25/2003
First Named Inventor	William Barz
Group Art Unit	3612
Examiner Name	Unknown
Attorney Docket Number	10001-021C2

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U.S. PATENT DOCUMENTS

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		Office ³	Number ⁴				
		0 236-291		Austria Metall Aktiengesellschaft	09/09/1987		
		WO 98/36944		Raychem Corporation	08/27/1998		
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Sheet 1

of 1

Complete if Known

Application Number	10/603,674
Filing Date	06/25/2003
First Named Inventor	William J. Barz
Group Art Unit	3612
Examiner Name	Unknown
Attorney Docket Number	1001-021C2

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U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
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		Office ³	Number ⁴				
		JP02001191949A		Neoex Lab	07/17/2001		
		EP 1 122 156 A2		Sika	08/08/2001		
		WO 01/88033		Sika Corporation	11/22/2001		
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		JP 61118211		Toyota Motor Corp.	06/05/1986		
		DE 4028895C1		Mercedes-Benz	02/20/1992		

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Sheet

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Application Number	10/603,674
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First Named Inventor	William J. Barz
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		Number-Kind Code ² (<i>If known</i>)			
HS		US- 6,378,933	04/30/2002	Schoen et al.	
		US- 6,383,610	05/07/2002	Barz et al.	
		US- 6,419,305	07/16/2002	Larsen	
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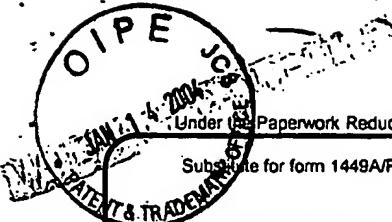
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		Country Code ³ Number ⁴ Kind Code ⁵ (<i>If known</i>)				
HS		WO 03/042024 A1	05/22/2003	L&L Products, Inc.		
HS		EP 1 006 022 A3 A2	06/07/2000	Neo-Ex Lab, Inc.		
HS		EP 1 006 022 B1	09/24/2003	Nneo-Ex Lab, Inc.		
HO		EP 1 362 683 A2	11/19/2003	L&L Products, Inc.		
HS		EP 1 362 769 A1	11/19/2003	L&L Products, Inc.		

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Art Unit	3612
Examiner Name	Unknown
Attorney Docket Number	1001-021C2

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HG	DE	42 27 393	A1	03/04/1993	Volkswagen AG		
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HG	JP	58-87668		06/14/1983	Nissan Jidousha Motors		X
HG	JP	7-117728		05/09/1995	Iida Sangyo KK		X

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Application Number	10/603,674
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First Named Inventor	William Barz
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